GOVERNMENT OF INDIA
URBAN DEVELOPMENT
LOK SABHA

STARRED QUESTION NO:185
ANSWERED ON:14.12.2004
USE OF FLY ASH BRICKS
Singh Shri Kirti Vardhan;Vijay Krishna Shri

Will the Minister of URBAN DEVELOPMENT be pleased to state:

(a) whether there is a proposal to use fly ash bricks for construction of Government buildings;

(b) if so, whether any study has been conducted on the sustainability of such buildings;

(c) if so, the details thereof;

(d) whether Federation of All India Brick Kiln Owners Associations have requested to operate without being affected by 1999 Government Notification one use of fly ash;

(e) if so, whether it is a fact that use of fly ash bricks results in radioactivity and resultant increase in radioactive buildings, which has its own repercussions and Department of Science and Technology has also conducted study in this regard;

(f) if so, the details in this regard; and

(g) the corrective steps taken by the Government to check the hazards of fly ash?

Answer

MINISTER OF PARLIAMENTARY AFFAIRS AND URBAN DEVELOPMENT (SHRI GHULAM NAB I AZAD)

(a)to(g): A Statement is laid on the Table of the Sabha.

STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION NO. 185 FOR 14.12.2004 REGARDING USE OF FLY ASH BRICKS.

(a) to (g) : The Government vide Notification No. 563 dated 14.9.1999 subsequently amended vide Notification No. 773 dated 27.8.2003 issued by the Ministry of Environment & Forests has made use of fly ash in bricks mandatory in construction activities including that of the Government buildings, within a radius of 100 kms from coal or lignite based thermal power plants.

The Fly Ash Mission under the Technology Information Forecasting and Assessment Council (TIFAC) had undertaken a study at four laboratories in the country. The result of the study shows that the fly ash bricks manufactured as per Bureau of Indian Standards (BIS) are equally durable as clay bricks.

The All India Brick and Tile Manufacturers federation has generally been representing that the use of fly ash in clay bricks be made optional for brick kilns located within 100 kms of thermal power stations. The Government has not agreed to their demand as the objective of notification is to conserve the top soil which is being used in the manufacture of clay bricks.

Studies conducted by TIFAC have indicated that radioactivity concentration from fly ash is well below the standards set by the Atomic Energy Regulatory Board (AERB). The results and findings of AERB and of the Department of Atomic Energy have confirmed that the radioactivity levels of fly ash are much below the permissible limits and AERB has no objection in allowing fly ash being used for construction purposes.